

What is claimed is:

- 1) A signal light supporting apparatus comprising:
a support casing having a pair of walls with a spacing between
the walls;
5 a signal light optic positioned in the spacing between the pair of
walls and engaging with both of the pair of walls; and,
a spring brace removably attached to at least one of the pair of
walls and engaging with the signal light optic, the spring brace removably
holding the signal light optic in engagement with both of the pair of walls.
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- 2) The apparatus of Claim 1, further comprising:
the spring brace solely removably holding the signal light optic in
engagement with both of the pair of walls.
- 15 3) The apparatus of Claim 1, further comprising:
the spring brace being removably attached to both of the pair of
walls.
- 4) The apparatus of Claim 3, further comprising:
20 the spring brace extending across the spacing between the pair
of walls and extending across the signal light optic positioned in the spacing.
- 5) The apparatus of Claim 3, further comprising:
each of the pair of walls having a hole in the wall; and,

the spring brace having opposite ends with each end engaging in a hole in one of the pair of walls.

6) The apparatus of Claim 3, further comprising:
5 the signal light optic having a concavity with an interior volume;
and,

the spring brace having a projection that projects into the concavity interior volume.

10 7) The apparatus of Claim 1, further comprising:
each wall of the pair of walls having a forward edge with a notch in the forward edge; and,
the signal light optic having an exterior surface with portions of the exterior surface engaging in the notches in the pair of walls.

15 8) The apparatus of Claim 1, further comprising:
the signal light optic being one of a plurality of signal light optics that are each positioned in the spacing between the pair of walls and engage with both of the pair of walls; and,

20 the spring brace being one of a plurality of spring braces that each are removably attached to at least one of the pair of walls and engage with one of the signal light optics to removably hold the signal light optic in engagement with the pair of walls.

9) The apparatus of Claim 1, further comprising:
the support casing having a rear wall;
the pair of walls being a pair of side walls that project outwardly
from the rear wall; and,

5 an electronic circuit member mounted on the rear wall adjacent
the signal light optic.

10 10) The apparatus of Claim 9, further comprising:
the electronic circuit member having a light emitting diode.

11) The apparatus of Claim 9, further comprising:
a post projecting outwardly from the rear wall; and,
the electronic circuit member being mounted on the rear wall by
engaging with the post.

15 12) The apparatus of Claim 11, further comprising:
the post being one of a pair of posts that project outwardly from
the rear wall; and,
the electronic circuit member being mounted on the rear wall by
20 engaging between the pair of posts.

13) The apparatus of Claim 1, further comprising:
the support casing being a heat sink.

- 14) A signal light supporting apparatus comprising:
a support casing having a rear wall with a plurality of pairs of
posts projecting outwardly from the rear wall; and,
a plurality of electronic circuit members, each electronic circuit
member having a light, and each electronic circuit member being removably
mounted on the rear wall by engaging between a pair of posts.
- 15) The apparatus of Claim 14, further comprising:
the rear wall being a heat sink.
- 16) The apparatus of Claim 14, further comprising:
each light being a light emitting diode.
- 17) The apparatus of Claim 14, further comprising:
the plurality of electronic circuit members being electronically
connected in series.
- 18) The apparatus of Claim 14, further comprising:
a plurality of optics with each light having an optic positioned
adjacent the light.
- 19) The apparatus of Claim 18, further comprising:
the support casing having a pair of side walls that project
outwardly from the rear wall with a spacing between the pair of side walls;

the plurality of electronic circuit members being positioned in the spacing; and,

the plurality of optics being positioned in the spacing with each optic engaging between the pair of side walls.

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20) The apparatus of Claim 19, further comprising:

a plurality of notches in the pair of side walls; and,

each optic of the plurality of optics engaging in a pair of notches.

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21) The apparatus of Claim 19, further comprising:

a plurality of spring braces, each spring brace being removably attached to the pair of side walls in a position extending over an optic of the plurality of optics and thereby removably holding the optic in the spacing between the pair of side walls.

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